

MAR 9 2003

TECH CENTER 1600/2900

Page 1 of 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Att'y Ref: G25-063	Serial No: 09/849,870
	Applicant: CHU, C. K. et al.	
	Filing Date: 05/04/2001	Art Unit: 1623

United States Patent Documents

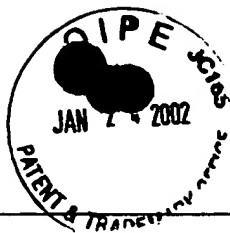
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date

Foreign Patent Documents

Examiner Initial	Publication Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	0 400 686	12/5/90	Europe				
	0 145 207	6/19/85	Europe				

Examiner Initial	Other Documents (by Title, Author Date, Pertinent Pages, Etc.)

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered; Include a copy of this form with next communication to the applicant.	



RECEIVED
JAN 10 2002
TECH CENTER 1600/2900

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 09/849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

United States Patent Documents						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	5,602,246	02/11/97	Baumann et al.	536	055.300	11/25/92
	5,668,270	09/16/97	Baumann et al.	536	026.710	06/06/95
	4,874,609	10/17/89	Rideout et al.	424	085.400	
	4,724,232	02/09/88	Rideout et al.	514	050.000	
	4,818,538	04/04/89	Rideout et al.	424	436.000	

Foreign Patent Documents							
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	0 217 207	04/08/87	Europe				
	3 627 024	04/02/87	Germany				

Other Documents	
Examiner Initial	Citation
	Adamiak et al., " Synthesis of 6-Substituted Purines and ribonucleosides with N-(6-PurinyI)pyridinium Salts," Angewandte Chemie, Intl. Ed., 24(12):1054-1055 (December, 1985).
	Agarwal, R.P. et al., " Clinical Pharmacology of 9-β-D-Arabinofuranosyladenine in Combination with 2'-Deoxycoformycin," <i>Cancer Res.</i> , 42(9):3884-3886 (September, 1982).

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



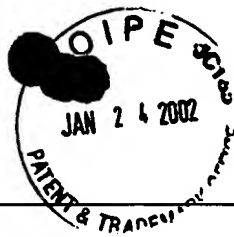
RECEIVED
JAN 30 2002
TECH CENTER 1600/2900

Page 2 of 8

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 09/849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

	Anderson, B.D. et al., "Uptake Kinetics of 2',3'-Dideoxyinosine into Brain and Cerebrospinal Fluid of Rats: Intravenous Infusion Studies," <i>J. Pharmacol. Exp. Ther.</i> , (1990) 253(1):113-118.
	Andrei, G. Et al., "Comparative Activity of Various Compounds Against Clinical Strains of Herpes Simplex Virus," <i>Eur. J. Clin. Microbiol. Infect. Diseases</i> , (1992) 11(2):143-151.
	Balzarini, J. And DeClercq, E., "The Antiviral Activity of 9- β -D Arabinofuranosyladenine is Enhanced by the 2',3'-Dideoxyriboside, the 2',3'-Didehydro-2',3'-Dideoxyriboside and the 3'-Azido-2',3'-Dideoxyriboside of 2,6-Diaminopurine," <i>Biochem. Biophys. Res. Commun.</i> , (1989) 159:61-67.
	Barchi, J.J. Jr. et al., "Potential Anti-AIDS bDrugs. Lipophilic, Adenosine Deaminase-Activated Prodrugs," <i>J. Med. Chem.</i> , (1991) 34:1647-1655 (Issue No. 5).
	Budavari et al. (Eds.), The Merck Index, 11th Edition, Merck & Co., Rahway, NJ, November 1989, Page 1597, see entry No. 10023 and references therein.
	Cass, C.E. et al., "Antiproliferative Effects of 9- β -D Arabinofuranosyladenine-5'-Monophosphate and Related Compounds in Combination with Adenosine Deaminase Inhibitors Against Mose Leukemia L1210/C2 Cells in Culture," <i>Cancer Res.</i> , 39(5):1563-1569, (May, 1979).
	Cass E.C., "9- β -D-Arabinofuranosyladenine (Ara-A)," In <i>Antibiotics. Mechanism of Action of Anti-Eukaryotic and Antiviral Compounds</i> ; Hahn, F.E., Ed.; Springer-Verlag: New York (1979) V: 85-109.
	Cass, C.E. and Ah-Yeung, T.H., "Enhancement of 9- β -D-Arabinofuranosyladenine Cytotoxicity to Mouse Leukemia L1210 <i>in vitro</i> by 2'-Deoxycoformycin," <i>Cancer Res.</i> , (1976) 36:1486-1491 (April, 1976).
	Chatis, P.A. and Crumpacker, C.S., "Resistance of Herpesviruses to Antiviral Drugs," <i>Antimicrob. Agents and Chemother.</i> , (1992) 36:1589-1595 (Issue No. 8, August, 1992).
	Chien, R.N. and Liaw, Y.F., "Drug Therapy in Patients with Chronic Type B Hepatitis," <i>J. Formos. Med. Assoc.</i> , (1995) 94(suppl. 1):S1-S9 (<i>English Abstract only</i>)(June, 1995).
	Chu, C.K. et al., "Synthesis and Structure-Activity Relationships of 6-Substituted 2',3'-Dideoxypurine Nucleosides as Potential Anti-Human Immunodeficiency Virus Agents," <i>J. Med. Chem.</i> , (1990) 33:1553-1561 (Issue No. 6).

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



RECEIVED
JAN 30 2002
TECH CENTER 1600/2900

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 09/849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

	Collins, J.M. et al., "Pyrimidine Dideoxyribonucleosides: Selectivity of Penetration into Cerebrospinal Fluid," <i>J. Pharmacol. Exp. Ther.</i> , (1988) 245(2):466-470.
	Cretton, E.M. and Sommadossi, J-P., "Reduction of 3'-Azido-2',3'-Dideoxynucleosides to Their 3'-Amino Metabolite is Mediated by Cytochrome P-450 and NADPH-Cytochrome P-450 Reductase in Rat Liver Microsomes," <i>Drug Metab. Dispos.</i> , (1993) 21:946-950 (No. 5).
	Cretton, E.M. et al., "Catabolism of 3'-Azido-3'-Deoxythymidine in Hepatocytes and Liver Microsomes with Evidence of Formation of 3'-Amino-3'-Deoxythymidine, a Highly Toxic Catabolite for Human Bone Marrow Cells," <i>Molec. Pharmacol.</i> , (1991), 39:258-266.
	Darby, G. (1995), "In Search of the Perfect Antiviral," <i>Antiviral chem. & Chemother.</i> , 6:54-63.
	Denis, J. et. al., "Treatment of Superficial Herpes Simplex Keratitis with Vidarabine (Vira A): Multicenter Study of 100 Cases," <i>J. Fr. Ophthalmol.</i> , (1990) 13:143-150 (<i>English Abstract Only</i>) (Issue No. 3).
	Drach, J.C. and Shipman, C. Jr., "The Selective Inhibition of Viral DNA Synthesis by Chemotherapeutic Agents: an Indicator of Clinical Usefulness?" <i>Ann. NY Acad Sci.</i> , (1977) 284:396-409.
	Drusano, G.L. et al., "Impact of Bioavailability on Determination of the Maximal Tolerated Dose of 2',3'-Dideoxyinosine in Phase I Trails," <i>Antimicrob. Agents Chemotherapy</i> , (1992) 36(6):1280-1283 (June, 1992).
	Faulds, D. and Brogden, R.N., "Didanosine: a Review of Its Antiviral Activity, Pharmacokinetics Properties and Therapeutic Potential in Human Immunodeficiency Virus Infection," <i>Drugs</i> , (1992) 44:94-116 (Issue No. 1).
	Frederiksen, S. and Klenow, H. (1975), "3-Deoxyadenosine and Other Polynucleotide Chain Terminators," In <i>Handbook of Experimental Pharmacology</i> , (A.C. Sartorelli and G. Johnes, Ed.) 657-689. (Chapter 66).
	Fu, X.X., "Therapeutic Effect of Combines Treatment with Ara-A, Dauricine and Chinese Herbs in Chronic Hepatitis B Infection," <i>Chung. Hua. Nei Ko. Tas. Chih</i> , (19991) 30(8):498-501 (<i>English Abstract Only</i>) (August, 1991).
	Gerlowski, L.E. and Jain, R.K., "Physiologically Based Pharmacokinetic Modeling: Principles and Applications," <i>J. Pharm. Sci.</i> , (1983) 72:1103-1126 (October, 1983).

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



RECEIVED
JAN 3 0 2002
TECH CENTER 1600/2900

Page 4 of 8

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 097849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

	Gibaldi, M. and Perrier, D., "Clearance Concepts." In: <u>Pharmacokinetics</u> , 2nd ed., Marcel Dekker Inc., New York (1982) 319-353.
	Hakimelahi, G. H. and Khalafi-Nezhad, A. "The Role of Chloromethyl Ethers in the Formation of N(7) - and N(9) - Alkylated Isomers of Adenine Synthesis of 2-[9-(Ethoxymethyl)Adenyl] Phoshonate", <i>J. Sci. I. R. Iran</i> , 1(3): pp. 192-196, 1990.
	Jansen, R.W. et al., "Coupling of Antiviral Drug Ara-AMP to Lactosaminated Albumin Leads to Specific Uptake in Rat and Human Hepatocytes," <i>Hepatology</i> (1993) 18:146-152 (July, 1993).
	Johns, D.G. and Adamson, R.H. (1976), "Enhancement of the Biological Activity of Cordycepin (3'-Dexoyadenonsine) by the Adenosine Deaminase Inhibitor 2'-Deoxycoformycin," <i>Biochem. Pharmacol.</i> (1976) 25:1441-1444.
	Johnson et al., "Synthesis of Potential Anticancer Agents. XIII> Ribosides of 6-Substituted Purines," <i>J. American Chemical Society</i> , 80:699-702 (March-April 1994).
	Kamali, F., et al. (1988), "Medicinal Azides Part 3. The Metabolism of the Investigational Antitumor Agent Meta-Azidepyrimethamine in Mouse Tissue <i>in vitro</i> ," <i>Xenobiotica</i> 18: 1157-1164.
	Kojima et al. "Synthesis and Structure-Activity Relationships of 2',3'-Dideoxypurine Nucleosides as Potential Antiretroviral Agents," Oxford University Press: Abstract, 1991.
	Koudriakova, T. et al., " <i>In vitro</i> and <i>in vivo</i> Evaluation of 6-Azido-2',3'-Dideoxy-2'-Fluoro- β -D-Arabinofuranosylpurine (FAAddP) and 6-Methyl-2',3'-Dideoxy-2'-Fluoro- β -D-Arabinofuranosyladenine (FMAddA) as Prodrugs of the Anti-HIV Nucleosides, 2'-F-Ara-ddA and 2'-F-Ara-ddI," (1996) <i>J. Med. Chem.</i> 39(23):4676-4681.
	Kumar, R., et al., (1994), "Synthesis, <i>in vitro</i> Biological Stability, and Anti-HIV Activity of 5-Halo-6-Alakoxy (or Azide) -5,6-Dihydro-3'-Azido-3'Deoxythymidine (AZT)," <i>J. Med. Chem.</i> 37:4297-4306 (Issue No. 25).
	LePage, G.A. et al., "Enhancement of Antitumor Activity of Arabinofuranosyladene by 2'-Deoxycoformycin," <i>Cancer Res.</i> , 36(4):1481-1485 (April, 1976).
	Marquez, V.E. et al., "Acid-Stable 2'-Fluoro Purine Dideoxynucleosides as Active Agents Against HIV," <i>J. Med. Chem.</i> (1990) 33: 978-985 (Issue No. 3).

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

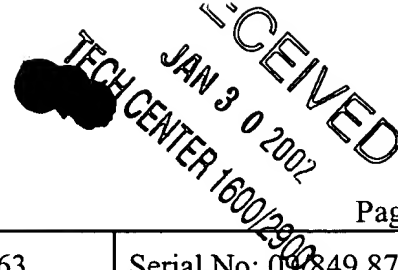


RECEIVED
JAN 30 2002
TECH CENTER 1600/2900

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 09/849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

	Miser, J.S. et al., "Lack of Significant Activity of 2'-Deoxycycoformycin Alone or in Combination with Adenine Arabinoside in Relapsed Childhood Acute Lymphoblastic Leukemia. A Randomized Phase II Trial from Children's Cancer Study Group," <i>Am. J. Clin. Oncol.</i> (1992) 15:490-493 (Issue No. 6).
	Montgomery et al, "A Convenient Method for the Synthesis of 2-Fluoro Adenosine," <i>J. Organic Chemistry</i> , 33(1):432-434 (January, 1968).
	Nicholls, D., et al. (1991), "Medicinal Azides. Part 8. The <i>in vitro</i> Metabolism of P-Substituted Phenyl Azides," <i>Xenobiotica</i> 21:935-943. (Issue No. 7).
	Nitta, K. et al., "Sensitivities to Other Antiviral Drugs and Thymidine Kinase Activity of Aciclovir-Resistant Herpes Simplex Virus Type 1," <i>Nippon. Ganka. Gakkai. Zasshi</i> (1994) 98:513-519 (<i>English Abstract Only</i>) (June 1994).
	Ozala et al., "On the Synthesis of 8-Heteroaryl-Substituted 9-(β -D-ribofuranosyl)-2, 6-diaminopurines through Pd-Catalyzed Coupling in the Presence of Cupric Oxide," <i>Journal of Heterocyclic Chemistry</i> , 32(3):863-866 (May-June, 1995).
	Placidi, L. et al., "Reduction of 3'-Azido-3'-Deoxythymidine to 3'-Amino-3'-Deoxythymidine I Human Liver Microsomes and Its Relationship to Cytochrome P-450," <i>Clin. Pharmacol. Ther.</i> (1993) 54:168-176 (Issue No. 2, August, 1993).
	Plunkett, W. et al., "Modulation of 9- β -D-Arabinofuranosyladenine-5'-Triphosphate and Deoxyadenosine-Triphosphate in Leukemic Cells by 2'-Deoxycycoformycin During Therapy with 9- β -D-Arabinofuranosyladenine," <i>Cancer Res.</i> (1982) 42(5):2092-2096 (May, 1982).
	Quiggle et al., "Design of New Photoaffinity Lables for Ribosomal Peptidyltransferase," <i>Biochemsitry</i> , 17(1):94-101 (January, 1978).
	Ratsep et al., "8-Diazoguanosine, 2,8-Diaminoadenosine and Other Purine Nucleosides Derived from Guanosine," <i>Nucleosides Nucleotides</i> , 9(8):1001-1013 (1990); only Abstract supplied.
	Reist, E.J. et al., "Potential Anticancer Agents. LXXVI. Synthesis of Purine Nucleosides of β -D-Arabinofuranose," <i>J. Org. Chem.</i> (1962) 27:3274-3279 (September, 1962).
	Resegotti, L., "Treatment of Acute Non-Lymphoid Leukemia (ANLL) in elderly patients. The Gimema Experience," <i>Leukemia</i> (1992) 6(suppl. 2):72-75.

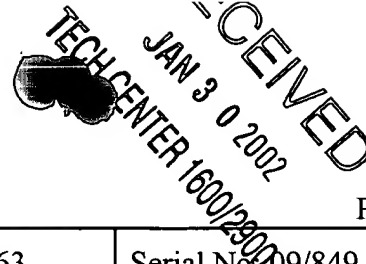
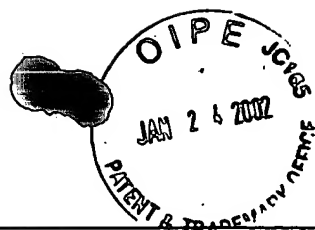
Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 097849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

	Riquelme et al., "Conformational and Allosteric Changes in Fuctose 1,6-Bisphosphate Upon Photoaffinity Labeling with 2-Azidoadenosine Monophosphate," <i>J. Biological Chemistry</i> 258(13):8240-8245 (July 10, 1983).
	Robins et al.(I), "Nucleic Acid Related Compounds. 33...", <i>Canadian Journal of Chemistry</i> 59(17):2601-2607 (September 1, 1981).
	Robins et al.(II), "The Synthesis of 2-, 6-, and 2, 6-Halogens Substituted 9-(2, 3, 5-tri-O-acetyl- β -D-ribofuranosyl)purines," in <i>Nucleic Acids Research Symposium Series No. 9</i> , A. E. Pritchard (ed.), Bechyne Castle, Czechoslovakia, September 6-11, 1981, pages 61-63.
	Robins, M.J. and Bason, G.L., "6-Chloro-9-(2-deoxy- β -D-erythro-pentofuranosyl)purine from the Chlorination of 2'-deoxyinosine," In: <i>Nucleic Acid Chemistry</i> ; Townsend, L.B.; Tipson, R.S., Eds.; John-Wiley & Sons: New York (1978) Part II, pp. 601-606.
	Rocci, M.L. Jr. and Jusko, W.J., "LAGRAN Program for Area and Moments in Pharmacokinetic Analysis," <i>Comp. Prog. Biomed.</i> (1983) 16(3):203-216.
	Roy et al., "8-Azidoadenosine and Ribonucleotide Reductase," <i>Biochemical and Biophysical Research Communications</i> , 187(1):432-437 (1992); only abstract supplied.
	Seiter et al., "Synthesis of Novel Spin-Labeled Photoaffinity Derivatives of NAD ⁺ and ATP and Their Characterization as Coenzymes and Substrates of Several Enzymes," <i>Synthesis</i> , Issue No. 2, 269-273 (February, 1996).
	Schulze, P. and Sönnichsen, "the Management of Herpes Zoster Infections," (1993) <i>Virus & Life</i> , 13-16 (September, 1993).
	Shanmuganathan, K. et al., "Enhanced Brain Delivery of an Anti-HIV Nucleoside 2'-F-ara-ddI by Xanthine Oxidase Mediated Biotransformation," <i>J. Med. Chem.</i> (1994) 37:821-827.
	Stula, D. and Lyrer, P., "Severe Herpes simplex Encephalitis: Course 15 Years Following Decompressive Craniotomy," <i>Schweiz. Med. Wochenschr.</i> (1992) 122:1137-1140 (<i>English Abstract Only</i>) (July 25, 1992).
	Suzuki, Y. et al., "Cytomegalovirus Encephalitis in Immunologically Normal Adults," <i>Rinsho. Shinkeigaku</i> (1990) 30:168-173 (<i>English Abstract Only</i>) (February, 1990).
	Svendsen, K.R. et al. (1992), "Toxicity and Metabolism of 3'-deoxyadenosine N'-oxide in Mice and Ehrlich Ascites Tumor Cells," <i>Cancer Chemother. Pharmacol.</i> (1992) 30:86-94.

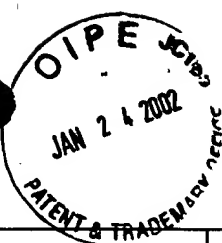
Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 09/849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

	Tartaglione, T.A. et al., "Principles and Management of the Acquired Immunodeficiency Syndrome," In: <i>Pharmacotherapy. A Pathophysiologic Approach</i> , J.T. DiPiro et al. (Eds.) Appleton and Lange, Norwalk, CN (1993) 1837-1867 (Chapter T12).
	Tritsch, G.L. et al., "Synergism Between the Antiproliferative Activities of Arabinosyladenine and N ⁶ -Benzoyladenosine," <i>Cancer Biochem. Biophys.</i> (1977) 2(2):87-90.
	Tuntland, T. et al., "Afflux of Zidovudine and 2',3'-dideoxyinosine out of the Cerebrospinal Fluid when Administered Alone and in Combination to Macaca Nemestina," <i>Pharm. Res.</i> (1994) 11:312-317 (Issue No. 2).
	Vinayak et al., "Nucleic Acid Related Compounds. 81...", <i>Journal of Heterocyclic Chemistry</i> 30(5), 1181-1189 (October-November, 1993).
	Weigend et al., "Fluorescent Guanosine Nucleotide Analogs Suitable for Photoaffinity-Labeling Experiments," <i>European J. Biochemistry</i> 65(2):473-479 (1976); <i>Chemical Abstracts</i> 85(7), p. 189 Abstract No. 42417b (August 16, 1985), only abstract supplied.
	Wetzel, R. and Eckstein, F., "Synthesis and Reactions of 6-Methylsulfonyl-9-β-D-ribofuranosylpurine," <i>J. Org. Chem.</i> (1975) 40(5):658-660.
	Whitley, R.J., "Neonatal Herpes Simplex Virus Infections," <i>J. Med. Virol.</i> (1993), Suppl. 1, 13-21.
	Whitley, R.J., "Herpes Simplex Virus Infections of the Central Nervous System. Encephalitis and Neonatal Herpes," <i>Drugs</i> (1991) 42:406-427 (Issue No. 3).
	Whitley, R.J., "Vidarabine: A Preliminary Review of its Pharmacological Properties and Therapeutic Use," <i>Drugs</i> (1980) 20:267-282.
	Wower et al., "Synthesis of 2,6-Diazido-9-(β-D-ribofuranosyl)purine 3', 5'-Bisphosphate: Incorporation Into Transfer RNA and Photochemical Labeling of Escherichia coli Ribosomes," <i>Bioconjugate Chemistry</i> 5(2), 158-161 (March-April 1994).
	Yang, T.Y. et al., "Studies on Pharmacokinetics of 9-β-D-arabinosyladenine Nanocapsules," <i>Yao. Hsueh. Hsueh. Pao.</i> (1992) 27(12):923-927 (<i>English Abstract Only</i>).
	Yao-Zhong Xu, "Post Synthetic Introduction of Labile Functionalities onto Purine Residues via 6-Methylthiopurines in Oligodeoxyribonucleotides," <i>Tetrahedron</i> , 52(32), 10737-10750 (August 5, 1996).

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty Ref:G25-063	Serial No: 09/849,870
	Applicants: Chu et al.	
	Filing Date: 5/4/01	Art Unit: 1623

	Yener, K. Et al., "Cordycepin Selectively Kills TdTpPositive Cells," Abstrct of (1993) Presentation to American Soc. Of Clin. Oncology Meeting Vol, 12, 276, March 1994
	Yuan, J., "Estimation of Variance of AUC in Animal Studies," <i>J. Pharm. Sci.</i> (1993) 82(7):761-763 (July 1993).

RECEIVED
JAN 30 2002
TECH CENTER 800/2900

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	